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(54) **LINE LIGHTING DEVICE**

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(57) Abstract:

**PROBLEM TO BE SOLVED:** To obtain an inexpensive device where uniformity of illuminance in the lengthwise direction is maintained by placing a light source to one end of a rod transparent body in the lengthwise direction, forming a rough space to the other end and forming three specific parts from the one end to the other end.

**SOLUTION:** An area of a 1st part 11a of a light scattering pattern is gradually increased depending on a distance from an end with which a light source unit is pressed into contact. Since a center line C2 of the 1st part 11a is eccentric, one side ridge of the 1st part 11a is not spread. A virtual spread part 11d is estimated and the area is added to a pattern side ridge of the opposite side to form a new pattern, which is a 2nd part 11b. After the 2nd part 11b reaches a maximum width, a 3rd part 11c is formed as a part with a maximum width up to the other end. Let the length of the entire pattern be L and the length of the 3rd part 11c be A, then it is preferred that a relation of  $1.77 \leq 100A/L \leq 10.0$  is in existence.

